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Gottfried [DE/DE]; Thalmannsdorf 25, Larezhausen, 86567 Hilgertshausen (DE). **LEISER, Robert-Matthias** [DE/DE]; Dunkelberger Str. 30, 42697 Solingen (DE).

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(74) Agents: **MEYERS, Hans-Wilhelm** et al.; Postfach 10 22 41, 50462 Köln (DE).

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(71) Applicant (*for all designated States except US*): **NEXT-TEC GMBH** [DE/DE]; Hemmelrather Weg 201, 51377 Leverkusen (DE).

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(72) Inventors; and

(75) Inventors/Applicants (*for US only*): **ZUBOV, Vitali, Pavlovich** [RU/RU]; Zvenigorodskaya ul. D. 12, kv. 8, 121443 Moscow (RU). **PLOBNER, Lutz** [DE/DE]; Beckhauser Strasse 9, 40699 Erkrath (DE). **KAPOUSTINE, Dimitri, Valerjewich** [RU/RU]; ul. Ostrovitianova, d. 18, kopr. 2, kv. 120, 117321 Moscow (RU). **BALAYAN, Hamlet** [AM/AM]; Tigran Metsi 61, Apt. 26, 375005 Yerevan (AM). **MUYDINOV, Makhmud, Rakhmotovich** [RU/RU]; Region Noginski Rayon, Cernogolovoka, Pervaya ul. D. 5, kv. 9, 142432 Moscow (RU). **BREM,**

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(54) Title: SORBENT MATERIAL HAVING A COVALENTLY ATTACHED PERFLUORINATED SURFACE WITH FUNCTIONAL GROUPS

(57) Abstract: The present invention relates to a sorbent material having a solid support substantially modified with a fluorinated polymer coating which is covalently attached to the support and the fluorinated polymer coating is containing at least one functional group, methods of obtaining the sorbent material, the use of these materials for separation of substances, a chromatographic column or cartridge at least partially filled with the sorbent material of the invention, a membrane-like device comprising the sorbent material of the invention, a device comprising the sorbent material of the invention in loose form as well as a miniaturized device comprising the sorbent material.

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